

RCRA OK to inspect
Joe Boyle
10-29-86

RCRA generally

17419
10-28-86

RECEIVED
01 STATE 02 SITE NUMBER
1LD 981095269



2018110001

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) SIX OAKS MOBILE HOME PARK		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER 16260 W. STATE RD. Support Section			
03 CITY PECATONICA	04 STATE IL	05 ZIP CODE 61063	06 COUNTY WINNEBAGO	07 COUNTY CODE 201	08 CONG DIST 16
09 COORDINATES LATITUDE 42 17 14.0		LONGITUDE 089 21 15.0		PECATONICA QUAD (7.5')	
10 DIRECTIONS TO SITE (Starting from nearest public road) ROUTE 20, 1/4 MILE EAST OF PECATONICA ROAD, 100 FEET SOUTH ON JACKSON ROAD					

III. RESPONSIBLE PARTIES

01 OWNER (If known) MR. WILLIAM ABELL		02 STREET (Business, mailing, residential) 16260 W. STATE RD.			
03 CITY PECATONICA	04 STATE IL	05 ZIP CODE 61063	06 TELEPHONE NUMBER (815) 239-1695		
07 OPERATOR (If known and different from owner) SAME		08 STREET (Business, mailing, residential)			
09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER		
13 TYPE OF OWNERSHIP (Check one) <input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER: _____ (Specify) <input type="checkbox"/> G. UNKNOWN					

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

☒ A. RCRA 3001 DATE RECEIVED: **9/5/85** MONTH DAY YEAR ☐ B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: _____ MONTH DAY YEAR ☐ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON-SITE INSPECTION <input checked="" type="checkbox"/> YES DATE 1-10-84 MONTH DAY YEAR <input type="checkbox"/> NO ON GOING		BY (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input checked="" type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify)			
CONTRACTOR NAME(S): _____					

02 SITE STATUS (Check one) <input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN	03 YEARS OF OPERATION 1950 BEGINNING YEAR _____ ENDING YEAR <input type="checkbox"/> UNKNOWN
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04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED SLUDGE (TOXIC, PERSISTANT) SOLVENTS (TOXIC, IGNITABLE) OILY WASTE (SOLUBLE, FLAMMABLE)	RECEIVED OCT 24 1986
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05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION GROUNDWATER (POPULATION/ENVIRONMENT) SURFACE WATER (POPULATION/ENVIRONMENT)	PLANNING AND CONTRACTS MANAGEMENT UNIT
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V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)
☒ A. HIGH (Inspection required promptly) ☐ B. MEDIUM (Inspection required) ☐ C. LOW (Inspect on time available basis) ☐ D. NONE (No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT MR. WILLIAM ABELL MR. QUENTIN DAVIS	02 OF (Agency/Organization) OWNER OF MOBILE HOME PARK CONSULTANT WITH FEHR-GRAHAM ASSOC	03 TELEPHONE NUMBER (315) 239-1695 (315) 235-7643
04 PERSON RESPONSIBLE FOR ASSESSMENT KENNETH W. CORRILL	05 AGENCY IEPA	06 ORGANIZATION RPMS
	07 TELEPHONE NUMBER (217) 782-6761	08 DATE 10-22-86 MONTH DAY YEAR

EPA FORM 2070-12 (7-81)

000336 DP

EPA Region 5 Records Ctr.



356022



EPA FORM 2070-12 (7-81)



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
1LD 981095268

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED 3,200

02 ☒ OBSERVED (DATE 7/29/85)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

ORGANIC CONTAMINANTS IN GROUNDWATER WELL ON SITE. APPROX. 200 FEET EAST OF 2 UNDERGROUND STORAGE TANKS CONTAINING VARIOUS ORGANICS. ALSO, BASED ON THE WELL CONSTRUCTION & THE FACT THAT IT PENETRATES TO THE 250 FEET DEPTH, THERE COULD BE CONTAMINATION SPREADING TO LOWER AQUIFELS.

01 ☒ B. SURFACE WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED 0

02 ☐ OBSERVED (DATE _____)

☒ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

CONTAMINATION TO SURFACE WATER IS A POSSIBILITY THROUGH CONTAMINANTS LEACHING TO THE SURFACE & BEING CARRIED TO NEARBY STREAMS, HOWEVER CONSUMPTION OF SAID WATER IS REMOTE AS MOST IF NOT ALL PERSONS ARE ON GROUNDWATER SOURCES.

01 ☐ C. CONTAMINATION OF AIR

03 POPULATION POTENTIALLY AFFECTED _____

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS

03 POPULATION POTENTIALLY AFFECTED _____

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☐ E. DIRECT CONTACT

03 POPULATION POTENTIALLY AFFECTED _____

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☒ F. CONTAMINATION OF SOIL

03 AREA POTENTIALLY AFFECTED 3
(Acres)

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☒ ALLEGED

04 NARRATIVE DESCRIPTION

IT CAN BE REASONABLY ASSUMED THAT THE SOIL IN THE AREA IS CONTAMINATED DUE TO THE FACT THAT THE SAME CONTAMINANTS WERE FOUND IN BOTH, THE TANKS & THE WATER WELL, HENCE, MIGRATION THROUGH THE SOIL.

01 ☒ G. DRINKING WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED 3200

02 ☒ OBSERVED (DATE 7/29/85)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

SAME AS "A" GROUNDWATER

ALSO, IF CONTAMINANTS ARE MIGRATING TO A LOWER AQUIFER THE RESULTANT CONTAMINATION COULD BE SPREADING TO A MUCH GREATER AREA THAN ORIGINALLY FOUND

01 ☐ H. WORKER EXPOSURE/INJURY

03 WORKERS POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☐ I. POPULATION EXPOSURE/INJURY

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
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II. HAZARDOUS CONDITIONS AND INCIDENTS *(continued)*

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED

01 ☐ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION *(include name(s) of species)*

02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED

01 ☐ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES
(Spills/runoff/standing liquids/leaking drums)

02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☒ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: 3,200 04 NARRATIVE DESCRIPTION

THE SAME SUBSTANCES FOUND IN THE TANKS WERE FOUND IN THE WATER WELL
LEADING ONE TO SURMISE THAT THERE WERE OR ARE LEAKS IN THE TANKS, ALSO,
CONTAMINANTS HAVE BEEN INDICATED TO BE INCREASING WITH EACH WELL SAMPLE TAKEN.

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: 3,200

IV. COMMENTS

SITE IS AN IMMEDIATE REMOVAL SITE. ACTION IS BEING TAKEN
AT THIS TIME TO RESOLVE THE PROBLEMS.

V. SOURCES OF INFORMATION *(Cite specific references e.g. state files, sample analysis reports)*

IEPA - LAND FILES
IEPA - PUBLIC WATER SUPPLIES FILES



EXECUTIVE SUMMARY

Six Oaks Mobile Home Park in Pecatonica, Illinois began operation in the early 1950's and has remained established to this date. The park is owned and operated by Mr. & Mrs. William Abell who reside within the property boundaries.

The Six Oaks site is located one and one-half miles south of the town of Pecatonica and occupies approximately 3 to 4 acres in the center of the NW $\frac{1}{4}$ of Section 4, Township 26 North, Range 10 East in Winnebago County.

As mentioned above, the mobile home park is presently operated by Mr. & Mrs. Abell who are purchasing the property under a contract-for-deed from Mr. Virgil Melvin. This arrangement began in 1980. Mr. Melvin, who allegedly installed the tanks & filled them (presently living in Cape Coral, Florida) purchased the property in 1965 from Mr. George Frink who owned this property since about 1950. It is believed that Mr. Frink started the mobile home park at this approximate time. A residence was built around this same time with a 275 foot deep water supply well constructed in the basement.

Around 1969, widening and roadway improvement of Route 20 forced relocation of the Frink house and its water supply well. Both were moved a short distance, on the order of several hundred feet to the southeast, away from the roadway and toward the area of the present trailer park. The original well was abandoned and no information is available regarding its exact location or whether it was properly grouted and sealed. It is suspected that the basement and well were filled in with earth.

It appears that the present well, which is the replacement Frink well, originally served a single residence as well as a number of house trailers (known to be less than nine). These trailers, along with subsequent additions, are the Six Oaks trailer park.

Approximately 27 mobile homes occupy individual spaces at the site. The park residents are served by the mentioned single public water supply well. In the late 1960's or early 1970's five underground storage tanks were placed on the northern margin of the trailer park area for purposes of storage of waste liquid oil products, including a gasoline tank, bringing the total to six tanks. The well is located about 200 feet east of the six underground storage tanks. Two tanks are known to contain organic solvent materials totalling an estimated 300 gallons of waste, one tank has gasoline only and the others contents are unknown.

In 1985 the Six Oaks well was sampled by the Illinois EPA in response to an anonymous complaint from a concerned party regarding the presence of underground storage tanks. Neither at that time nor at any time since has there ever been any complaints regarding problems with taste, color, odor or other aspects of the well water. Based on sampling of the tanks and the water well, it was discovered that the well is contaminated with various organic constituents which include T-1,2-dichloroethylene (56 ppb) trichloroethylene (64 ppb), 1,1,1-trichloroethane (30 ppb), tetrachloroethylene (8 ppb) and 1,1-dichloroethane (3 ppb). All of these contaminants except T-1,2-dichloroethylene have been detected in the waste within the underground tanks. Subsequent sampling of the water supply well indicate a trend toward increased contamination concentrations. The Division of Public Water Supplies advised the mobile home park to locate an alternative source of drinking water as soon as possible.

The owner and park manager have (as of 8/85-12/85) emptied, washed and steam cleaned tanks T12N, T3, and T15. This leaves tanks T12S and T1 to be emptied and cleaned.

At the present time work is under way to determine the extent of contamination. There will be two phases to the proposed remedial/removal action plan. The first phase will be the testing of the underground storage tanks to determine whether they are structurally sound. If a tank fails the test, removal of that tank would result in further investigation and testing to follow concerning possible soil contamination resulting from the leaking tanks.

Phase II will include hydrogeologic investigation to determine subsurface conditions in the vicinity of the site. Also, locating the source of contamination is essential to eliminate or mitigate any additional threat to human health or the environment caused by further migration of wastes from the site.

Based on actions already taken and this site being an immediate removal project, it is given a high priority.

KC/kah/c

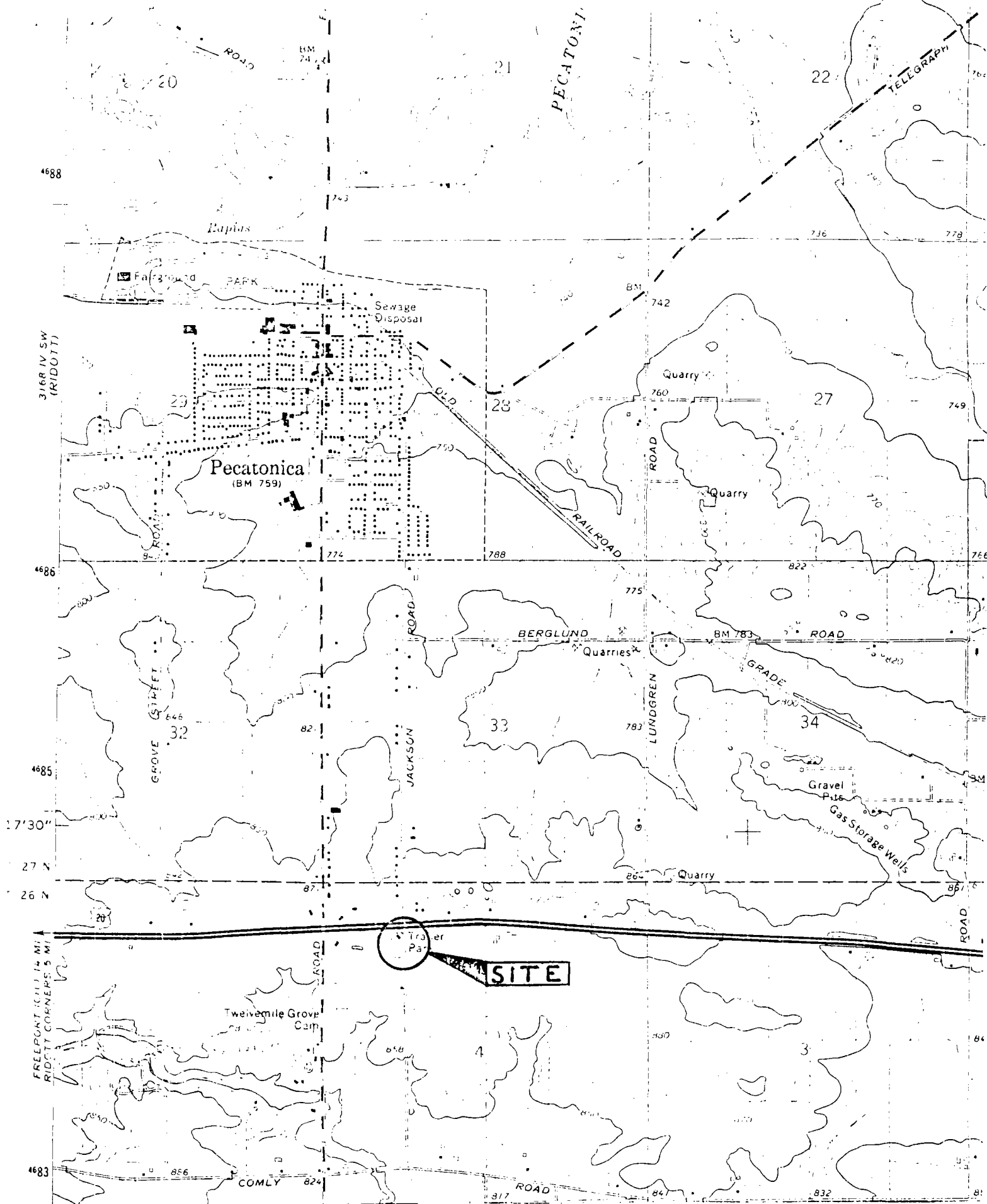


FIGURE 1 LOCATION MAP

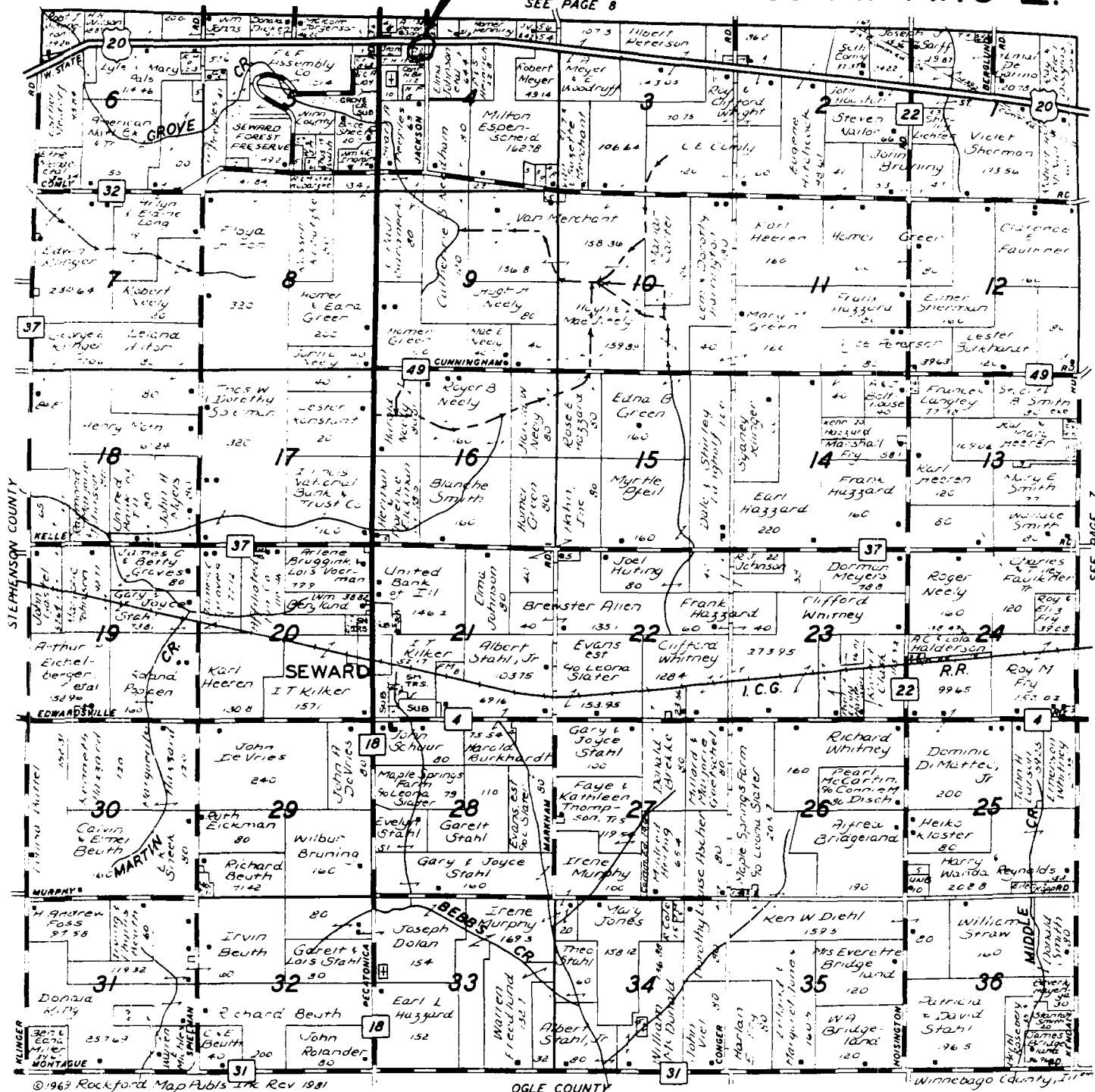
Note: Taken from Pecatonica Quadrangle Map
 Scale: 1" = 2000'

SEWARD

SITE

SEE PAGE 8

T. 26 N.-R.10 E.



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